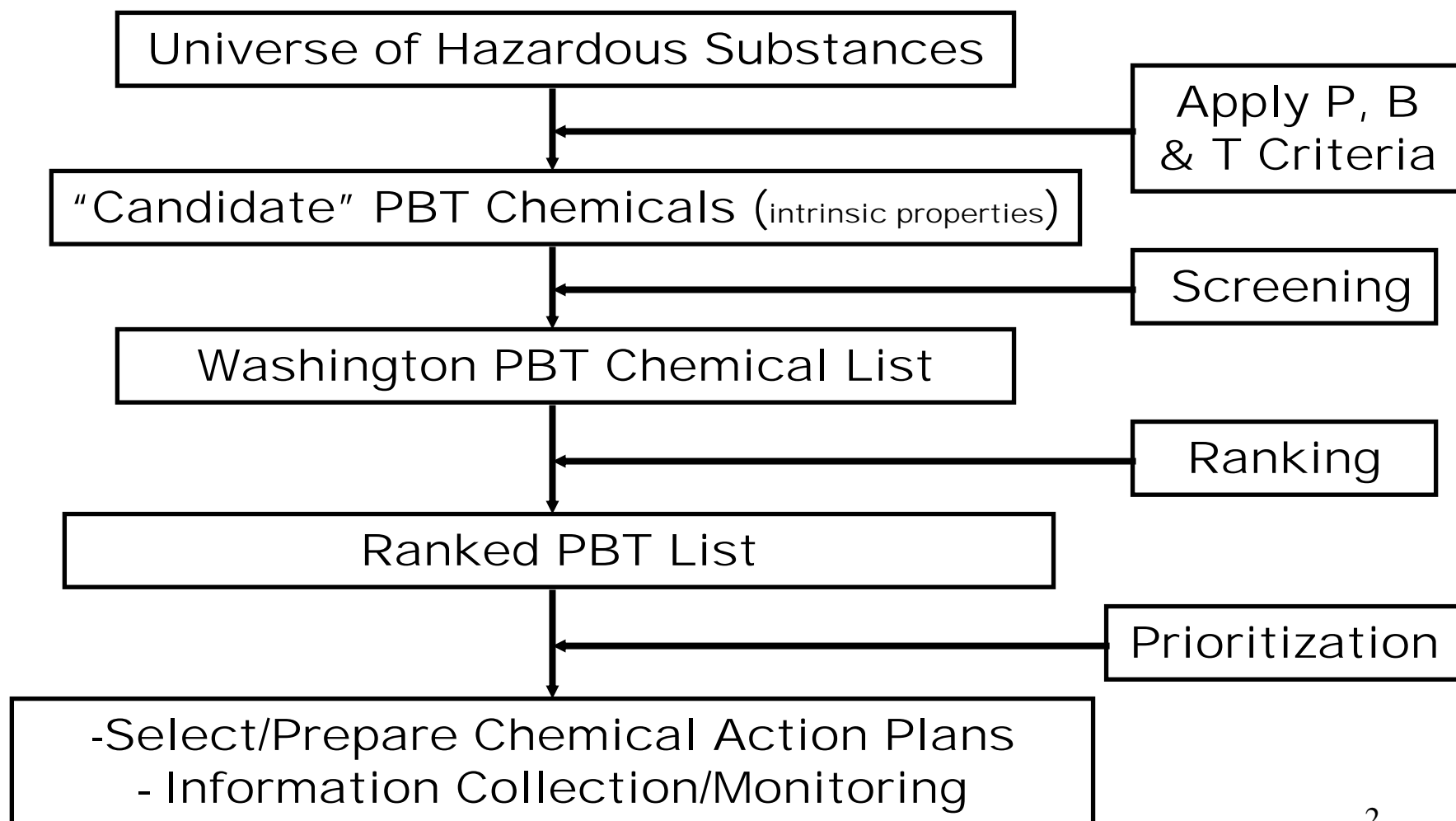


Ranking and Prioritizing the PBT List

Prepared for
PBT Advisory Committee
October 14, 2004

Overall Approach

(Where does ranking/prioritizing fit?)



Discussion Outline

Ranking/Prioritizing PBT Chemicals

- Describe Ecology's "Strawman" Proposal (Based on 2002 Ranking Proposal)
- Review Ranking Suggestions from the September 29th Meeting
 - Suggestions That Are Included in Strawman Proposal
 - Suggestions That Could be Incorporated Into the Strawman Proposal
- Discuss Issues Associated with Methods and Information Used for Ranking
- Discuss Concepts for Prioritizing Chemicals that Appear on the Ranked List

Background & Assumptions

- Ecology 2002 Proposal includes several of the features suggested by the Advisory Committee at the September 29th Meeting.
- There are several shortcomings/problems with the Ecology 2002 Proposal.
- The test comparisons prepared in 2002 help to illustrate some of the challenges and issues associated with developing a workable ranking/prioritization scheme.

Ecology “Strawman” Ranking Process (Based on 2002 Proposal)

- Two-Step Process to Rank and Prioritize
- Ranking Factors (Quantitative)
 - PBT characteristics
 - Environmental Presence
 - Source Releases
- Ranking Categories (High, Mid-Range, Low)
- Comparison Test Results

September 29th Issues and Recommendations

- Consider Using a Phased Approach for Ranking and Prioritization
- Consider a Wide Range of Factors
- Consider the Uses and Purposes for Rankings/Prioritization
- Establish Categories to Avoid issues associated with Too Much Precision (e.g. High, Medium Low)

Range of Factors Identified at the September 29th Meeting

- PBT Characteristics
- Uses in WA
- Releases to the WA Environment
- Presence in the WA Environment
- Exposure Pathways (health/ecological risk)
- Opportunities for Reduction, Minimization or Elimination
- Costs and Benefits of Measures
- Technical Feasibility of Measures
- Other Regulatory Program Requirements

Discussion Issues/Questions

- Phased Approach
- Range of Factors
- Relative Weights of Different Factors
- Data Gaps

Ecology 2002 Proposal Prioritization

- Second Step in 2-Step Process to Rank and Prioritize
- Prioritization Factors (Quantitative)
 - Chemical Ranking
 - Costs
 - Opportunities for Reductions etc.
 - Technical Feasibility
- Ecology has not completed review and development of prioritization approach.

Prioritization Issues

- Quantitative or semi-quantitative measures for costs, technical feasibility, opportunities for reduction, etc.
- Sources of information
- Qualitative measures
- Relative weights for various factors
- Integrating quantitative and qualitative measures

Next Steps

- Revise ranking approach based on Advisory Committee feedback
- Develop proposal for prioritizing chemicals
- Draft rule language
- Test Ecology proposal using readily available information
- Closure (areas of agreement, disagreement, unfinished analyses)